

**Department of Public Works and Transportation
Montgomery County, Maryland**

DIVISION OF SOLID WASTE SERVICES



Ron Gilbert initiates blue bin redistribution to Montgomery Village townhouses to increase participation.

***MONTHLY REPORT
APRIL 2005***



Printed on Recycled and Recyclable Paper

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OVERVIEW

Tonnage at a Glance

The following table shows key material flows during the current month, fiscal year to date (FY Total), and current calendar month in the two prior fiscal years. (County fiscal year 2005 began July 1, 2004.)

| FACILITY | Apr FY05 | FY05 Total | Apr FY04 | Apr FY03 |
|--|-----------------|-------------------|-----------------|-----------------|
| Materials Recovery Facility ⁽¹⁾ | 7,798 tons | 77,377 tons | 7,567 tons | 7,141 tons |
| Brunswick Landfill Facility ⁽²⁾ | 22,739 tons | 240,433 tons | 28,127 tons | 23,523 tons |
| Resource Recovery Facility ⁽³⁾ | 42,059 tons | 472,934 tons | 51,236 tons | 54,103 tons |
| Yard Trim Compost Facility | 6,072 tons | 63,906 tons | 5,409 tons | 7,618 tons |

⁽¹⁾MRF tons reported are outgoing.

⁽²⁾This category only addresses waste sent to the landfill for disposal. It does not include rubble that is recycled.

⁽³⁾RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here.

Revenue Analysis and Systems Evaluation – During April, program staff:

- ◆ Researched 36 new properties and entered billing changes into database;
- ◆ Prepared monthly house counts for collection contractors;
- ◆ Processed vacancy refunds payable in April;
- ◆ Updated Access™ databases and Excel™ spreadsheets for monthly collection contractor reports;
- ◆ Updated street listing maps;
- ◆ Continued routine research and correction of solid waste fee abnormalities as they emerge in the property tax database;
- ◆ Generated Hauler Credit Account invoices for April 2005 totaling \$1,507,323.20 (a decrease of \$194,467.39 below April 2004);
- ◆ Updated Aging Report (30-day arrearage was \$6,487.60 as of May 6th);
- ◆ Reconciled the first 9 months of FY05 tons to monies posted in FAMIS, as well as to the total dollars charged in Paradigm;
- ◆ Continued work on CY04 System-Wide Materials Accounting and Recycling Rate Calculation;
- ◆ Began work to develop a potential means of explicitly distinguishing tonnage of C&D burned;
- ◆ Advertised Executive Regulation 07-05 (annual update in waste generation rates) in the Montgomery Register (received no comments);
- ◆ Gathered additional information to assist with study of alternate commercial System Benefit Charge billing method;
- ◆ Assisted with alternative collection methods (franchise) feasibility study;
- ◆ Worked on historical review of average per-ton costs; and

- ◆ Prepared alternative FY06 budget and rates for alternative cases as requested by Council Staff.

CITIZEN COMMITTEES

Facilities Implementation Group – FIG met on March 8th at the Gothic Barn in Dickerson. Nine FIG members, three County staff, and one guest were in attendance. Topics discussed included review of non-air media sampling results and latex paint disposal. The next FIG meeting will be held June 14th at the Gothic Barn in Dickerson.

Solid Waste Advisory Committee – SWAC held its regular monthly meeting on Tuesday, April 5th, in the Executive Office Building 10th Floor Conference Room. Twelve SWAC members, four County staff and one guest were in attendance. SWAC members were: (1) given a presentation on alternative collection methods for the Commercial and Multi-Family Sectors and (2) discussed the County Executive's FY 2006 Recommended Operating Budget before preparing a letter to Thomas Perez, President of the Montgomery County Council, with their comments.

COLLECTIONS

Refuse – There were no disruptions in service during the month. There were no holidays or other service interruptions.

Contractor Performance - DSWS received 407 complaints; 157 less than in April 2004, which numbered 564.

Enforcement Actions – Three citations amounting to \$500 were issued for violations of the County's Solid Waste Laws:

| | |
|---------------|--|
| Two citations | Improperly stored or permitted solid waste to accumulate |
| One citation | Collected and or transported solid waste within the County without a valid collectors tag attached |

Six NOV's were issued for violations of the County's Solid Waste Laws:

| | |
|------------|--|
| Five NOV's | Improperly stored or permitted solid wastes to accumulate |
| One NOV | Dumped, deposited, or left solid waste at the other than a solid waste acceptance facility |

Recycling – Approximately 1,520 carts were delivered during the month by MES and David Crutchfield in Montgomery Village and Silver Spring.

Mixed paper tonnages for the residential program during the past 52 weeks are as follows:

| CURRENT PERIOD | POUNDS PER HOUSEHOLD | CORRESPONDING PERIOD PREVIOUS YEAR |
|---------------------|----------------------|------------------------------------|
| 3/15/04-4/09/04 | 10.19 | 10.01 |
| 4/12/04-5/07/04 | 10.58 | 9.93 |
| 5/10/04-6/04/04 | 10.96 | 10.09 |
| 6/07/04-7/2/04 | 9.97 | 9.77 |
| 7/05/04-7/30/04 | 9.49 | 9.05 |
| 8/02/04-8/27/04 | 10.09 | 9.37 |
| 8/30/04-9/24/04 | 11.34 | 10.43 |
| 9/27/04 – 10/23/04 | 10.98 | 10.50 |
| 10/25/04 – 11/19/04 | 11.74 | 11.43 |
| 11/22/04-12/17/04 | 11.94 | 11.97 |
| 12/20/04-1/14/05 | 12.05 | 10.67 |
| 1/17/05-2/11/05 | 10.71 | 9.33 |
| 2/14/05-3/11/05 | 11.05 | 9.82 |
| 3/14/05-4/8/05 | 11.76 | 10.19 |

Customer Service

| | |
|-----------------------|-------|
| Calls received | 8,317 |
| E-mails received | 1,683 |
| Blue bins distributed | 1,167 |

Public Outreach – The Inspectors distributed 955 survey cards in April receiving 67 back for a return rate of 7%. From the returned surveys, 92% of respondents rated our services and programs as either excellent or good.

For the month of April, 156 residents responded to our web site survey. The following are percentages of the results:

| Curbside Programs | Excellent | Good | Acceptable | Poor | Unacceptable | Not Answered |
|------------------------|-----------|-------|------------|------|--------------|--------------|
| Blue Bin | 76% | 6.5% | 5% | 3% | 3% | 6.5% |
| Mixed Paper | 70% | 6.5% | 2% | 3% | 1% | 17.5% |
| Yard Trim | 47% | 17% | 6% | 3% | .5% | 26.5% |
| Scrap Metal | 35.5% | 3% | 10% | 3% | 1% | 47.5% |
| Trash | 40.5% | 15% | 8% | 1% | 0% | 35.5% |
| Recycling Crew | 46% | 36.5% | 10% | 3% | .5% | 4% |
| Trash Crew | 28% | 26% | 8% | 2% | 0% | 36% |
| Customer Service Staff | 54% | 22% | 6% | 2% | 0% | 16% |

| Programs Residents Familiar with | Yes | No | Not Answered |
|---|------------|-----------|---------------------|
| HHW | 72.5% | 22.5% | 5% |
| Holiday Slide Schedule | 79.5% | 17.5% | 3% |

Comments from Residents: I like the list of items on the website that tell how to recycle/dispose of them. I like the encouragement to recycle.

Contrary to the media, there was a large amount of encouragement from the residents concerning the wheeled cart. The following was the most unusual remark I found "The new carts for paper collection are an excellent idea and have allowed me to recycle much more paper, but they are hard to move when full; I feel sorry for older women who live alone and must deal with the monster cart.

Web site - The following is information gathered from the Montgomery County Solid Waste web site through the month of April:

| List Memberships | New April Subscribers | Total Subscribers |
|--|------------------------------|--------------------------|
| HHW Announcements | 32 | 1,551 |
| Holiday Reminder List | 56 | 4,903 |
| Newsletter Helper | 21 | 547 |
| Facility Updates | 10 | 141 |
| Usage Counters – April 2005 | | |
| Total of Visits | | 5,094 |
| Total Page Views | | 8,125 |
| Top Ten Pages: <ul style="list-style-type: none"> • How to recycle/dispose of... • HHW • Trash • Special collections • Latex paint • Blue carts • Curbside collection • Transfer Station/Recycling Center map & directions • Scrap metal • Computer | | |
| SORRT | | |
| Total Page Visits | | 253 |
| Number of page views | | 370 |
| TRRAC | | |
| Total Page Visits | | 136 |
| Number of page views | | 199 |

Comments from e-mails:

We thank you for the "Yard Waste" stickers. They are already on our waste can and they are improved and colorful!

WASTE MINIMIZATION

| Product Recycled | Approximate weight recycled in April 2005 |
|--|--|
| Computer | 55.5 tons |
| Fire Extinguishers | None |
| Propane Tanks | 5.0 tons |
| Textiles | 11.2 tons |
| Construction Materials (Don't Dump – Donate) | 3.4 tons |
| Bicycles | None |
| Rechargeable Batteries | None |

Department of Environmental Protection's Home Composting and Source Reduction Activities – The GreenMan Show airs daily on Cable Channel 6, with online streaming video and access to past shows via online archives. We now have seven programs filmed that are waiting to be edited, with spots ranging from environmental lawn care to worm composting, energy conservation, and watershed restoration, among others.

The GreenMan Column continues in the Montgomery County and Frederick County editions of the Gazette Newspapers. The column is also accessible online via www.greenmanshow.com and at www.gazette.net under "Columns." We receive requests monthly for reprinting in other publications ranging from community newsletters in Montgomery County, to web sites in Britain.

Using only web site-based and our electronic subscription service, Rainscapes Gazette, we were able to promote our rain barrel program at this year's Earth Day Event. The response was tremendous. Within 15-20 minutes of sending out the eNewsletter at 4:30 p.m., we received requests for 15 rain barrels. By the following morning at 8:30, we had received 45 requests. Within the next hour, all barrels had been spoken for. In all, we received 120 requests for 50 barrels. Due to threatening weather, not everyone showed up for their barrel, but thanks to the salesmanship of Eileen Kao, all barrels were taken by appreciative residents by the end of the celebration.

"It's a Green Day at Kingsview," took place on April 28 at Kingsview Middle School. Displays, classes, workshops and hands-on activities were run throughout the day-long event by the Recycling Program, Ride On, Maryland DNR, U.S. Fish & Wildlife, U.S. EPA, MNCPPC, DEP, Environmental Concern among others. More than 500 students participated, which included representatives from the "Take Your Child to Work Day" event. EPA will provide coverage on their website, and a special GreenMan Show will feature the event, probably airing in late summer.

HAZARDOUS WASTE PROGRAMS

Household Hazardous Waste Collection – 3,499 patrons used the regular HHW drop-off program at the Transfer Station in April.

Mercury (Hg) Free Campaign – The program for collecting Hg thermometers and passing out digital thermometers continues to receive active participation via walk-ins at the Transfer Station office and exchanges at the HHW drop-off sites.

Small Quantity Generator/Ecowise Program – One Small Quantity Generator (SQG)/Ecowise event was held on April 13th; 12 companies participated in the event.

AIR PERMITS AND ENVIRONMENTAL PROGRAMS

Resource Recovery Facility (RRF): CEMS Tracking of RRF Operations - The Continuous Emissions Monitoring System (CEMS) indicated that all three units operated at full load for only 4 days. Only two units, units 1 and 3, operated from April 1st through April 23rd. At approximately 2 p.m. on April 23rd, unit 1 was brought offline because of a few broken grate bars and only unit 3 operated until April 24th. At approximately 2 a.m. on April 24th, unit 2 was brought online after completing the scheduled maintenance work. Thereafter, units 2 and 3 operated until approximately 3 a.m. on April 25th when unit 1 was brought online after replacing the broken grate bars. Thereafter, all three units operated until 11 p.m. on April 25th when unit 1 was again brought offline because of a tube leak in the economizer section. Thereafter, units 2 and 3 operated until approximately 1 a.m. on April 27th when unit 1 was brought back online after replacing the leaking tubes. Thereafter, all three units operated until the end of the month. There were no equipment malfunctions that affected stack emissions in April.

The monthly "Opacity Test" was conducted on April 11th. The opacity test is a requirement under the RRF Title V Air Permit. As in past tests, the opacity readings were 0% compared to the Title V Air Permit limit of 10%.

In the first week of April, the set of three CEMS CD-ROMs were updated to include CEMS data up to March 31st. Copies of the CDs' were placed in the Rockville and Poolesville libraries.

FIG-SWAC Air Quality Subcommittee – The Air Quality Subcommittee's comments and suggestions on the Non-Air Media Draft Report and the presentation were taken into account for preparing the second draft of the report. ENSR submitted the second draft in April. Copies of the report were mailed to MDE and DNR for their review. Comments and suggestions from these agencies are expected in about three months. Comments from the FIG Chair and some members, who are reviewing the second draft, are also expected in a couple months. After receiving the comments from the reviewers, the report will be finalized.

Oaks Landfill Air Emissions and Energy Recovery – SCS Engineers submitted gas sampling results at the Oaks Landfill for the month of April. The gas sampling program was conducted only one day, April 12th. On this day, methane concentrations in the gas were measured at the blower inlet at 10:28 a.m. and 6:05 p.m. and at the flare inlet at 10:33 a.m. and 6:09 p.m. for a total of four measurements. Gas flow measurements were taken only at the flare inlet at 10:33 a.m. and 6:09 p.m. for measuring methane concentrations in the gas. Thus, only two gas flow measurements were obtained. From the two gas flow measurements, the gas flow ranged from 931 standard cubic feet per minute (scfm) to 988 scfm for an average flow of 960 scfm. From a total of four measurements of methane concentrations in the gas, the methane levels ranged from 51.9% to 53.4% for an average of 52.5%. SCS continues to conduct monthly gas sampling and analysis at the Oaks under the Engineering Services Contract. The gas sampling results will be used to prepare the 2005 "Emissions Certification Report" for submission to MDE in March 2006.

Contracts and RFP's

- ♦ **ENSR Contract** – A copy of the contract extension amendment and the corresponding purchase order were mailed to ENSR. The contract was extended for the final year, through May 7, 2006, so that ENSR can complete the final reports on the Non-Air Media Monitoring Program and the Cumulative Health Risk Assessment. ENSR has indicated that a draft report of the Cumulative Health Risk Assessment will be ready in July 2005.
- ♦ **TES Contract** – Will expire in August 2005. This contract will be renewed for the final year so that TES can continue to service the meteorological tower. TES performed the monthly maintenance work for the month of April. All instruments including the anemometer, wind vane, temperature and dew point sensors, and the rain gauge have been performing correctly. Data recovery for all parameters was 100% for the month. The total rainfall for April was 3.62 inches.

RECYCLING

Public Education and Outreach – The Division's Earth Day Celebration was held on Saturday, April 23rd. Exhibits, activities and tours of the Recycling Center were coordinated; 335 people attended. Staff participated in the County's Take Our Children to Work Day on April 28th, by conducting a presentation on recycling at the EOB prior to tours of the Recycling Center, hosting a recycling exhibit for the career showcase and conducting demonstrations on recycling at Kingsview Middle School; 234 children participated in these activities. Staff made a preliminary presentation on the feasibility study on alternative collection methods to serve the commercial and/or multi-family sectors to SWAC. Several successful recruitments to fill vacant staff positions have been completed. Outreach and education efforts are underway to ensure that people are aware of the two new Executive Regulations (ER) concerning recycling: ER15-04AM and ER18-04. Recycling Awareness Week (May 16-23, 2005) planning is in progress. There will be 13 educational events conducted over the course of six business days,

including recycling presentations to schools, the Recycling Achievement Awards Ceremony, and the school recycling poster awards ceremony.

Commercial Recycling and Waste Reduction – Staff conducted 211 on-site visits of businesses in April and resolved 7 complaints. In a continuing effort to improve recycling programs at small businesses, 248 desk-side recycling bins were distributed to businesses in April, with 2,101 distributed to date in 2005. A large amount of staff time was spent participating in various Earth Day activities around the County. Staff participated in 11 events reaching 1,821 people. A notification letter regarding the revised recycling regulation ER15-04AM was mailed to all businesses during the last week of April. After the mailing database is revised with any changes resulting from the initial mailing, a complete informational packet will be mailed which will include copies of the regulations and a business recycling plan form, which all businesses are being required to file. Planning continued on Recycling Awareness Week activities which will be held May 16-23rd and for the business recycling (SORRT) seminars which are scheduled for June 1st and June 14th. Staff forwarded a list of 61 businesses that failed to file their annual recycling and waste reduction report to the Recycling Investigations Unit, which will be investigating and issuing notices of violation, as appropriate.

Multi-Family Recycling – Staff was engaged in 11 Earth Day outreach and educational activities throughout the County. Over 1,700 interested parties attended these activities. In addition, 165 site visits to multi-family properties were conducted. Work on the Property Manager's Guidebook continues; preparation for Recycling Awareness Week activities (i.e. school assemblies, the annual Awards Recognition Dinner and the recycling poster awards banquet ceremony) is currently in the planning stages.

Mixed Paper Recycling – Existing educational materials were distributed to residents at events. Larger quantities of materials were also provided to homeowner's associations and civic groups for their use and distribution.

Volunteer Activities – During April, 35 volunteers provided 209 hours of service to the Division's Recycling Programs. Activities included continued training, participation in the Month of the Young Child, Earth Day Celebration, and Rockville Science Day events. The program recruited 15 new volunteers during April.

PILOT PROGRAMS

Cooperative Collection – Staff is awaiting a response from the potential recycling collection contractor regarding the project, and a meeting will be scheduled with the businesses and the contractor.

ComPRO Pilot – The County has developed a pilot bagged ComPRO production at an MES facility in Baltimore, MD. Production of ComPRO began in October 2003. Year-to-date ComPRO sold is 4,296 bags.

Tubgrinding Pilot – Tubgrinding of screen rejected material started on January 31, 2004 and ended on March 4, 2004; 8,700 cubic yards of material was produced.

FACILITY ACTIVITIES

Resource Recovery Facility – The RRF processed 42,059 tons, or 1,402 tons per day. Trash deliveries averaged 11,286 tons/week and the plant operated all three boilers at 100% load for 4 days during the month. The month began with unit 2 down due to low waste receipts. Unit 2 began its scheduled outage on April 7th and remained down until April 24th due to low waste receipts. There were two unscheduled outages during the month, both on unit 1. On April 23rd the unit was removed from service to repair damaged grate bars and returned to service on April 25th, but later that day unit 1 was removed from service due to an external water leak on an economizer supply pipe. Repairs were made and the unit was returned to service on April 27th.

There were no OSHA recordable incidents during the month.

There were no generation emergencies issued by Mirant during the month of April. There was no need to purchase power during the month.

There were no reportable air or water quality environmental excursions during the month.

The following environmental activities occurred:

- ◆ Submitted the March 2005 Water Supply Monthly Operating Report to MDE.
- ◆ Performed the monthly visible emission (Method 9) observation required by the RRF's Title V Permit.
- ◆ Submitted the 1st quarter 2005 Operations and Emissions report to MDE.
- ◆ Submitted the 1st quarter 2005 NPDES Discharge Monitoring Report to MDE.
- ◆ Submitted the March 2005 Bacteriological Monitoring Report to MDE.
- ◆ Mitchell Welsh of MDE performed a surprise inspection on April 22nd, and no issues of concern were noted.
- ◆ Due to analyzer instability, the sample line for the unit 1 HCl economizer was replaced. Continued analyzer instability prompted calls to the analyzer and sample line manufacturers. The issue was resolved and the sample line and analyzer were put back in service on May 2nd.
- ◆ Notified and submitted a spill report to MDE regarding an incident on April 6th.

Materials Recovery Facility – Approximately 1,709 tons of commingled material were shipped out and approximately 6,089 tons of mixed paper were loaded out and transferred to OPS' processing facility in April. All hoppers were painted. The plastic and aluminum sorting platform was painted. The silos that hold material until materials are baled were cleaned and painted. The net around the PET silo that contains paper debris from falling onto the processing floor was replaced. Liners in the transfer chutes between the conveyors carrying whole and large pieces of glass were replaced. The plant hosted visitors in celebration of Earth Day 2005 on April 23rd.

Oaks Landfill – The parking lot at the administration building continued to be used as an assembly and staging area for the large blue mixed paper carts currently being distributed in that portion of the County. DSWS recommended award of a task order to a firm to design a replacement leachate line, part of which will be a force main, to replace several thousand feet of partially blocked gravity lines downgradient from the ash disposal cell. The meter vault by the leachate pump station underwent waterproofing construction to prevent ground water from getting into the meter vault and through that drain into the leachate pump station. In addition, the area around the vault was re-graded to improve drainage. A few small pond areas were filled with clean fill and seeded.

Gude Landfill – Work on the installation of the enclosed flare gas management system continued. A temporary power connection was installed and system testing and start-up is scheduled for early May. Permanent electric service from PEPCO is still pending. With respect to the study of potential gas migration from the site along the utility right-of-way border, SCS Engineers installed a series of 20 temporary test wells along the far side of the gas line right-of-way next to Gude Landfill near a residential community. Methane was detected in a grouping of six of the wells. The wells on either side of this grouping were essentially non-detect. Follow-up testing with DEP was performed which confirmed the findings. The homeowners association was contacted. As a precaution, the basements of six homes near the wells where methane was detected were checked for methane. Methane had not migrated into any of the homes. Three utility companies came out and checked gas piping in the area for potential leaks. There was no evidence of a high pressure pipeline leak. The source of methane is either migration from the Gude Landfill or buried organic material from a former nursery in the right-of-way. The test wells will be retested after the new flare system is operating to see if better draw on the landfill gas at the landfill has any effect on the methane detected in the right-of-way. In addition, there are plans to install permanent gas monitoring wells near the property line, provided the utility companies approve the locations of the borings for the wells. The well installation will also provide information on the geology of the area. DSWS and DEP are scheduled to provide an update to homeowners at a meeting in early June.

Transfer Station – During April, Covanta shipped via rail 48,815 tons of processible waste from the Transfer Station to the RRF; 5,240 fewer tons than shipped in April 2004. This reduction in tonnage, which has been consistently noted this fiscal year, could be the result of the tip fee increases last July which have caused some customers to seek alternative disposal options, along with the opening of a private C&D recycling facility in the County.

Litter was collected by MES along Shady Grove Road from Route 355 to the intersection with Muncaster Mill Road.

SCS Engineers continued design work on a proposed expansion of the tipping floor and transfer building and delivered 90 percent complete drawings and specifications to DSWS for review.

Compactor #2 was taken out of service for routine repairs.

The inbound radiation detectors had 20 alarms in April 2005. There were no false alarms (alarms that could not be re-verified) – 19 of the 20 alarms were identified as low levels of medical isotopes with short half-lives and were accepted. One alarm was from an acceptable isotope, I-131, but the levels were above acceptable levels. RSO was called in to investigate the material, and discovered a large grouping of adult diapers emitting high levels of I-131. These were removed from the site by RSO. Seven of the alarms involved drivers or passengers who had undergone recent medical tests or treatment involving radioactive isotopes, and residual radiation.

Site 2 Landfill Properties – As part of the effort to arrange dam safety inspections for the ponds on the properties, staff has determined that with the exception of 1 pond out of 7, there is no need for the ponds by the current tenants. Staff plans to discuss with the local citizen advisory group before it decides on whether the pond embankments should be disturbed so as to drain the water from the ponds, thus eliminating the need for dam inspections. Staff performed a general site inspection of the properties. Leasing is working on the tenant lease for the Draper Property. DSWS received the March 2005 report of work performed by the Division of Operations, Facilities Maintenance and Operations Section which included:

- ◆ Repairs to the roof of the house on the Dunn Property
- ◆ Replacement of the dish rack in the dishwasher of the Dunn Property.

Yard Trim Compost Facility – The Yard Trim Compost Facility received 6,072 tons of material for composting in April. The year-to-date total is 63,906 tons. Seven thousand four hundred and sixteen (7,416) cubic yards of Leafgro were shipped to distributors.

Bagging Operation – In April, 70,350 bags of Leafgro were shipped to distributors. (Each bag is 1.5 cubic ft. weighing 45 lbs.). No ComPRO was shipped to distributors (Each bag is 1 cubic ft. weighing 30 lbs.).

Out-of-County Haul

Brunswick County, Virginia – Approximately 13,298 tons of ash residue and 9,441 tons of nonprocessable waste were transported to the County's dedicated disposal cell at BWMF Landfill in Brunswick County, Virginia. DSWS and BWMF have still not found a recycling outlet for the quality of broken concrete and asphalt received at the Transfer Station. This material often has rebar or is in large pieces that do not meet the acceptance criteria of the local recyclers contacted to date. About 793 tons of oversize bulky wood waste were shipped from the Transfer Station to Butler Wood Recycling in Tuscarora, MD for recycling.

GENERAL INFORMATION

Important Telephone Numbers

| | |
|------------------------------------|--|
| General information on solid waste | 240-777-6400 |
| Customer Service | 240-777-6410 |
| Transfer Station | 301-840-2370 (County Office) 301-590-1032 (Covanta) 301-330-2840 (MES) |
| Materials Recovery Facility | 301-840-2701 (County Office) 301-417-1447 (MES) |
| Resource Recovery Facility | 240-777-6494 (County Office) 301-916-3031 (Covanta) |
| Yard Trim Compost Facility | 301-428-8185 (MES) |
| Internet for DSWS | www.montgomerycountymd.gov/solidwaste www.montgomerycountymd.gov/recycling |

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

Theresa Souders
Department of Public Works and Transportation
Division of Solid Waste Services
101 Monroe Street, 6th Floor
Rockville, MD 20850
Tel: 240-777-6425
Fax: 240-777-6465
E-mail: theresa.souders@montgomerycountymd.gov

SOLID WASTE FACTS IN A NUTSHELL

| TOPIC OR FACILITY | |
|---|--|
| Latest Recycling Rate Reported in Montgomery County | 37.6% (FY04) |
| Recycling Goal | 50% by December 2010 |
| Resource Recovery Facility (RRF) | Guaranteed Capacity = 85% of 1800 TPD on an annual basis (558,450 tons/yr @ 5,500 BTU/lb waste). |
| Yard Trim Composting Facility (DCF) | Operations limited to receipt of 77,000 tons/year under Sugarloaf Settlement Agreement. FY04 tons received- 76,972 |
| # Residences receiving trash collection by County contractors | 86,309 |
| # Residences receiving collection of recyclables in blue bins and yard trim collection | 205,861 |
| Term of out-of-county waste transportation and disposal contract with Brunswick Waste Management Facility, Inc. | June 19, 1997 through June 30, 2012 with an option for a five-year renewal. (Service started on October 20, 1997.) |

GLOSSARY OF ACRONYMS

| | |
|---------|---|
| AAR | American Ash Recycling, Inc. |
| APC | Air Pollution Control |
| ASME | American Society of Mechanical Engineers |
| BWMF | Brunswick Waste Management Facility, Inc. |
| CDL | Commercial Driver's License |
| CEMS | Continuous Emissions Monitoring System |
| CFR | Code of Federal Regulation |
| CIP | Capital Improvements Program |
| COD | Cash on Delivery |
| COG | Metropolitan Washington Council of Governments |
| CSX | Chesapeake Transportation Systems |
| CY | Calendar Year |
| DEP | Department of Environmental Protection |
| DNR | Maryland Department of Natural Resources |
| DSWS | Division of Solid Waste Services |
| EPA | Environmental Protection Agency |
| FIG | Facilities Implementation Group |
| FY | Fiscal Year |
| GFA | Gross Floor Area |
| HHW | Household Hazardous Waste |
| IFB | Invitation For Bid |
| IPM | Integrated Pest Management |
| KMCB | Keep Montgomery County Beautiful |
| LFG | Landfill Gas |
| LTTS | Leachate Thermal Treatment System |
| MCPS | Montgomery County Public Schools |
| MCR | Maximum Continuous Rating |
| MDE | Maryland Department of Environment |
| MES | Maryland Environmental Service |
| Mg/l | Milligrams per liter |
| M-NCPPC | Maryland National Capital Park and Planning Commission |
| MRA | Maryland Recycling Act |
| MRF | Materials Recovery Facility |
| MSW | Municipal Solid Waste |
| MWh | Mega Watt hours |
| NIH | National Institutes of Health |
| NMWDA | Northeast Maryland Waste Disposal Authority |
| NOV | Notice of Violation |
| NPDES | National Pollution Discharge Elimination System |
| NTP | Notice to Proceed |
| OLAC | Oaks Landfill Advisory Commission |
| OMB | Office of Management and Budget |
| OPS | Office Paper Systems |
| PEPCO | Potomac Electric Power Company |
| PSA | Public Service Announcement |
| QSC | Qualification and Selection Committee |
| RFP | Request for Proposal |
| ROL | Reduced Operating Level |
| RRF | Resource Recovery Facility |
| SCA | Sugarloaf Citizens Association |
| SHA | State Highway Administration |
| SORRT | Smart Organizations Reduce and Recycle Tons |
| SDAT | State Department of Assessments and Taxation |
| SWAC | Solid Waste Advisory Committee |
| TCLP | Toxic Characteristic Leaching Procedure |
| TES | Technical Environmental Services |
| TPD | Tons Per Day |
| TRRAC | Think Reduce and Recycle at Apartments and Condominiums |
| TXA 170 | Computer Interface Program (Property Account Database) |
| UT | Ultra-sonic Testing |